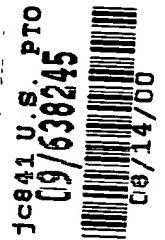


D. Johnson
#2 10-3-00
Pre-amended/A
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Continuation Application of:

Applicant: Christopher M. Hanna
Title: BTSC ENCODER
Prior Serial No.: 09/041,244
Prior Filing Date: March 12, 1998
Group Art Unit: 2747
Examiner: Ping W. Lee
Docket Number: 56233-139 (THAT-3DVCN)



BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT "A"

Sir:

Please amend the above-identified application before substantive examination as follows:

In the Claims:

[Please cancel claims 1-6 and 10-48, and amend claims 7-9 as follows:]

7. (Amended) An adaptive digital signal [weighing] weighting system[:] for use with a digitally represented difference signal representing the difference between two stereophonic audio signals, the system including a signal path for transmitting an electrical information signal containing information relating to the difference signal of a predetermined bandwidth through said system at a predetermined sample rate so as to preserve the signal content of said information signal, said system further comprising:

a digital filter [means] arrangement disposed in said signal path [for varying] and constructed and arranged so as to vary the gain impressed on the portion of said information signal within a first select spectral region within said predetermined bandwidth by a first variable gain factor, said first variable gain factor varying in response to and as a function of a first control signal;